

Message Text

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12

ORIGIN EB-07

INFO OCT-01 CG-00 DOTE-00 ISO-00 EUR-12 PM-03 CIAE-00

INR-07 NSAE-00 DODE-00 /030 R

DRAFTED BY EB/TD:GLHUFFCUTT:SP

APPROVED BY EB/TD:JJO'NEILL, JR.

EUR/NE - MS. PINKNEY

USCG - MR. SPITZ

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R 142237Z MAY 75

FM SECSTATE WASHDC

TO GENTEL OSLO NORWAY TELEX 11203 (GENTEL N)

UNCLAS STATE 112693

E.O. 11652: N/A

TAGS: ETEL, ITU, NO, US

SUBJECT: COORDINATION OF ASSIGNMENT ON 100 KHZ FOR
MINI-LORAN-C (PULSE-8).

1. FROM HUFFCUTT, OFFICE OF INTERNATIONAL COMMUNICATIONS
POLICY, DEPARTMENT OF STATE. FURTHER TO MY REPLY OF
22 APR 1975 TO YOUR TELEX OF 18 APR 1975, REGARDING
THE USE OF 100 KHZ. WE ARE PLEASED TO AGREE TO THE
PROPOSED USE ON A TEST AND DEVELOPMENT BASIS, UNDER THE
FOLLOWING CONDITIONS:

A. THE PROPOSED AUTHORIZATIONS ARE ON THE BASIS THAT
NO HARMFUL INTERFERENCE IS CAUSED BY THEM TO THE SERVICE
OF STANDARD LORAN-C CHAINS OPERATING ON 100 KHZ, AND
THAT IF INTERFERENCE SHOULD OCCUR, YOUR LICENSEE WILL
MAKE THE NECESSARY MODIFICATIONS OR TERMINATE
TRANSMISSIONS TO REMOVE THE INTERFERENCE.

B. AUTHORIZATION IS FOR TWO STATIONS, TO OPERATE AS
SECONDARIES OF THE UK STATION AT PETERHEAD, ONE AT
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UTSIRA, NORWAY POSN APPROX 59 DEGS 19 MINS NORTH 4 DEGS

52 MINS EAST AND ONE AT SORVAAGSOY, NORWAY POSN APPROX
62 DEGS 01 MIN NORTH 05 DEGS 00 MINS EAST.

C. THE PEAK RADIATED POWER LEVEL OF EACH STATION
WILL NOT EXCEED 1000 WATTS.

D. THE RADIATED SIGNAL WILL CONSIST OF A GROUP OF
8 PULSES SPACED 1000 MICROSECONDS APART AT A GROUP
REPETITION INTERVAL OF 77,700 MICROSECONDS, WITH AN
ENVELOPE SHAPE SIMILAR TO THE STANDARD LORAN-C PULSE.

E. THE PHASE CODING WILL BE EITHER M DEG (PLUS) OR
180 DEG (MINUS), WITH THE CODING FORMAT REPEATING
ITSELF EVERY TWO INTERVALS, WILL CONTAIN AN EQUAL
NUMBER OF PLUSSES AND MINUSES IN EACH FORMAT AND
WILL HAVE A CROSS CORRELATION OF NEARLY ZERO WITH
RESPECT TO THE STANDARD LORAN-C PHASE CODE WHEN
AVERAGED OVER 1 OR 2 SECONDS.

2. THIS AGREEMENT IS MADE UNDER THE PROVISIONS OF
NO. 166 OF THE RADIO REGULATIONS. REGARDS. KISSINGER

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